

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/011266

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ H01L21/205, C23C16/455

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H01L21/205, C23C16/455

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2002-353211 A (Tokyo Electron Ltd.), 06 December, 2002 (06.12.02), Par. Nos. [0002], [0016] to [0024], [0027] to [0030]; Figs. 5, 6 (Family: none)	1-7, 9, 10, 15 11-14
X Y	JP 9-102463 A (Sharp Corp.), 15 April, 1997 (15.04.97), Par. Nos. [0001], [0035] to [0045]; Figs. 6, 7, 8 (1)-(3) (Family: none)	1, 8-10, 15 12-14
Y	JP 2003-45811 A (Hitachi Kokusai Electric Inc.), 14 February, 2003 (14.02.03), Par. Nos. [0001], [0009]; Fig. 1 (Family: none)	11-14

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"&" document member of the same patent family

Date of the actual completion of the international search
27 October, 2004 (27.10.04)Date of mailing of the international search report
09 November, 2004 (09.11.04)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003-45864 A (Hitachi Kokusai Electric Inc.), 14 February, 2003 (14.02.03), Par. Nos. [0019] to [0023] & US 2003/024477 A1 & KR 2003013303 A	1-15
P,A	JP 2004-134466 A (Hitachi Kokusai Electric Inc.), 30 April, 2004 (30.04.04), Par. Nos. [0012] to [0028] & WO 2004/034454 A1	1-15